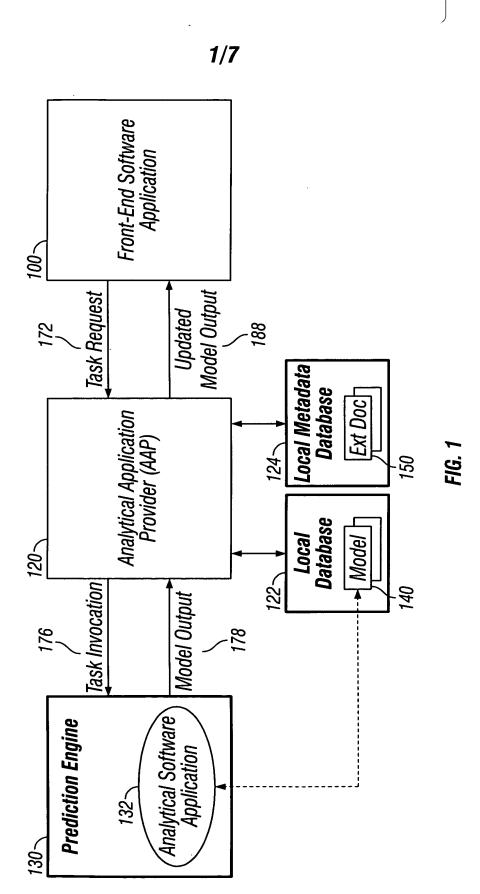
Page 1 of 7

Appln No.: 10/664,771 Page 1 of 7 Applicant(s): Achim Kraiss et al. MULTI-LANGUAGE SUPPORT FOR DATA MINING MODELS





DEC 2 2 2003

Appln No.: 10/664,771 Applicant(s): Achim Kraiss et al.

MULTI-LANGUAGE SUPPORT FOR DATA MINING MODELS

2/7

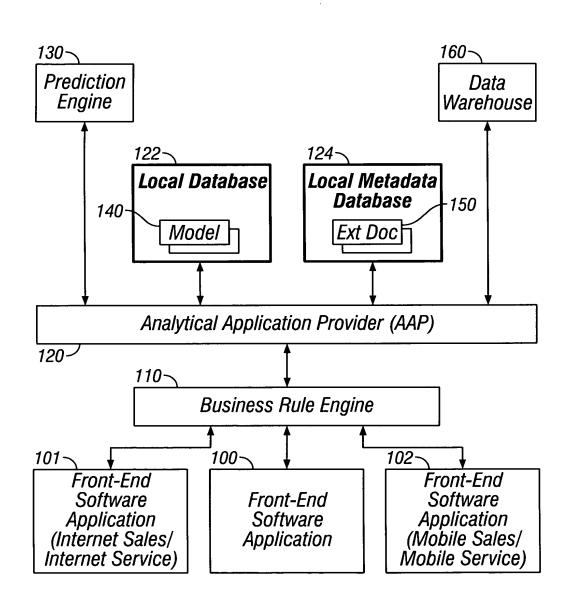


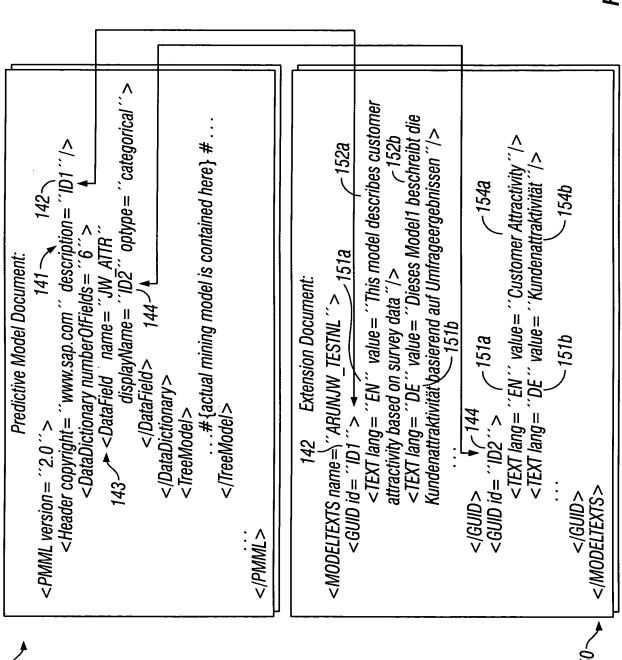
FIG. 2

Page 3 of 7

Appln No.: 10/664,771 Page 3 of 7 Applicant(s): Achim Kraiss et al. MULTI-LANGUAGE SUPPORT FOR DATA MINING MODELS

3/7

FIG. 3





Appln No.: 10/664,771

Applicant(s): Achim Kraiss et al.

MULTI-LANGUAGE SUPPORT FOR DATA MINING MODELS

Page 4 of 7

4/7

240

```
Predictive Model Document with Embedded Extension Document:
                                              ~241
                                                       ~242
<PMML version = ``2.0 ``>
      <Header copyright = ''www.sap.com'' description = ''ID1''/>
      displayName = 'ID2' optype = 'categorical' >
                                  ♦ ~ 244
      </DataDictionary>
      <TreeModel>
                   # [actual mining model is contained here] # . . .
      </TreeModel>
      <Extension extender= "sap.com" name= "Model Texts">
            <TEXT lang = "EN" value = "This model describes"
                         customer attractivity based on survey data "/>
                         <TEXT lang = "DE" value = "Dieses Modell
                         beschreibt die kuhdenattraktivität basierend auf
                         Umfrageergebriissen ''/>
                                                   252b
                                 251b
                  </GUID>
</GUID>
</GUID id = 'ID2'' > 251a
</EXT lang = ''EN'' value = ''Customer'</pre>
250
                                                         ~254a
                         Attractivity '/> 251b
<TEXT lang= 'DE' value= '
                         Kundenattraktivität ~ />
                                     ~254b
                  </GUID>
            </MODELTEXTS>
      </Extension>
</PMML>
```

170

182-

5/7

-172 Receive Task Request from a Front-End Software Application Determine Prediction Engine to be Used for Task Request Invoke Prediction Engine to Obtain Results Using Selected Predictive Model 178 Receive Prediction Model Output from Prediction Engine (Including Output Data and Description of Data Fields from Predictive Model)

> 180 Query if Predictive Model Uses Yes External Texts (e.g., in Descriptions of Data Fields

Output to Front-End Software Application the Output Data

and the Data Field Descriptions Received from the Predictive Model Output

Determine the Selected Output Language from the Front-End Software Application (e.g., Assigned Upon Login of the Front-End Software Application)

Page 5 of 7

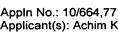
Convert Data Field Description Texts Received from the Predictive Model Output to Real Textual Descriptions (in the Selected Output Language) from the Extension Document

188

-184

-186

Output to Front-End Software Application the Output Data Received from the Predictive Model Output and the Data Field Descriptions Converted from the Extension Document



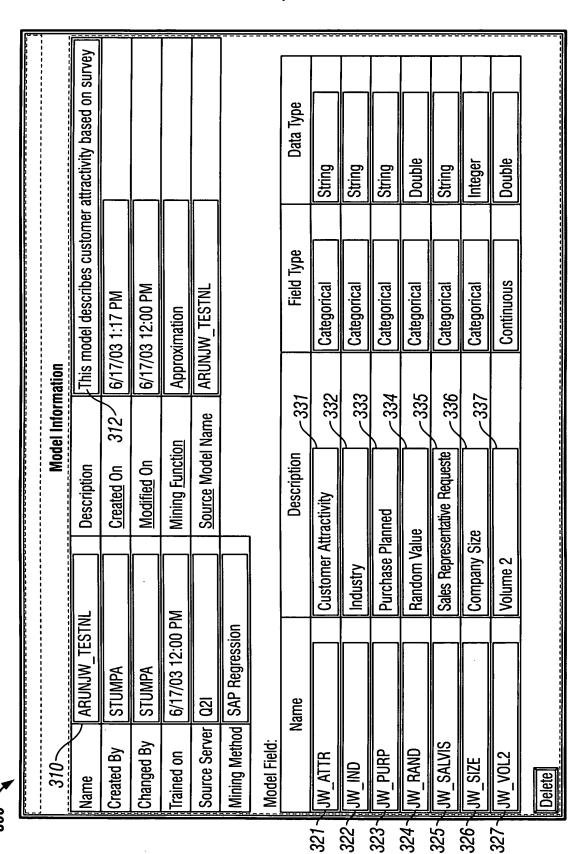
OIP

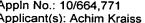
TRADEMARY

DEC 2 2 2003

Appln No.: 10/664,771 Page 6 of 7 Applicant(s): Achim Kraiss et al. MULTI-LANGUAGE SUPPORT FOR DATA MINING MODELS









OIPE

TRADEMA

DEC 2 2 2003 6

Appln No.: 10/664,771 Page 7 of 7
Applicant(s): Achim Kraiss et al.
MULTI-LANGUAGE SUPPORT FOR DATA MINING MODELS

7/7

